AMENDMENT TO THE CLAIMS:

The following claim set replaces all prior versions, and listings, of claims in the application:

1. (currently amended) A method ~~Method~~ for crystallising a melamine melt to form melamine particles with a D_{90} of at most 2 mm comprising ~~by~~ cooling in a liquid cooling medium a melamine melt to below the crystallisation temperature of the melamine, forming ~~comprising the formation of~~ a suspension of melamine particles in the cooling medium by spraying the melamine melt with at most 10 wt% of CO_2 relative to the sprayed quantity of melamine melt in a space in which a layer of ~~a~~ the liquid cooling medium is present that has a temperature below the crystallisation temperature of the melamine and under cooling conditions at which at least 50 wt% of the sprayed melamine melt directly turns into suspended melamine particles.

2. (currently amended) The method ~~Method~~ according to claim 1, wherein with the liquid cooling medium ~~consisting of~~ is comprised of at least 90 wt% of liquid ammonia.

3. (currently amended) The method ~~Method~~ according to claim 1, further comprising controlling ~~with~~ the temperature of the cooling medium ~~being controlled~~ by evaporation of the coolant.

4. (currently amended) The method ~~Method~~ according to claim 1, further comprising cooling ~~with~~ the temperature of the cooling medium ~~being controlled~~ by bringing it in contact with an environment with a lower temperature than the temperature of the cooling medium.

5. (currently amended) The method ~~Method~~ according to claim 1, comprising spraying ~~with~~ the melamine melt ~~being sprayed~~ together with a gas as a two-phase flow.

6. (currently amended) The method ~~Method~~ according to claim 1, comprising spraying ~~characterised in that~~ the melamine melt ~~is sprayed~~ directly in the cooling medium.

7. (currently amended) The method ~~Method~~ according to claim 1, further comprising separating ~~whereby~~ the melamine particles ~~are separated~~ from the suspension of crystallised melamine in the cooling medium.

8. (currently amended) A method ~~Method~~ for manufacturing melamine from urea in a~~, preferably continuous,~~ high-pressure process, comprising reacting ~~the reaction of~~ urea to form melamine in a reactor at a pressure between 4 and 25 MPa and a temperature between 330 and 430°C, separating the formed reactor product into a flow that consists principally of liquid melamine and a flow that consists principally of $C0_2$, NH_3 and melamine vapour, performing crystallisation by cooling the liquid melamine, using a cooling medium, to below the crystallisation temperature at which solid melamine is formed and separating the solid melamine, and wherein ~~characterised in that~~ crystallisation ~~takes place with~~ is practiced by the method according to claim 1.

9. (new) The method according to claim 8, wherein the high-pressure process is a continuous process.